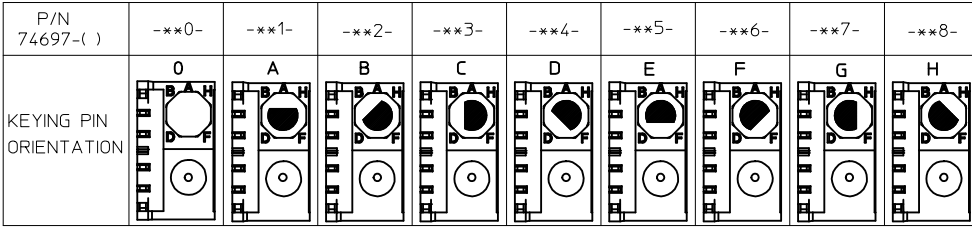


**NOTES:**

1. MATERIAL: HOUSING -LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED. UL 94 V-0. COLOR BLACK. SIGNAL & SHIELD -COPPER ALLOY.
2. FINISHES: SELECTIVE GOLD (Au) ON CONTACT AREA. SELECTIVE MATTE TIN (Sn) ON PCB TAILS. NICKEL (Ni) OVERALL.
3. THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-74031-999.
4. FOR MIXED CONTACT MATING LENGTHS CONSULT MOLEX FOR AVAILABILITY.
5. FOR SPECIFIC PART NUMBER AND MATING INFORMATION REFER TO SHEET 2.
6. PACKAGE PER: PK-74696-003.
7. EITHER MARK PART NUMBER AND DATE CODE APPROXIMATELY WHERE SHOWN OR PLACE LABEL ON THE TUBE.
8. MAPS (MOLEX ADVANCED PLATING SYSTEM).

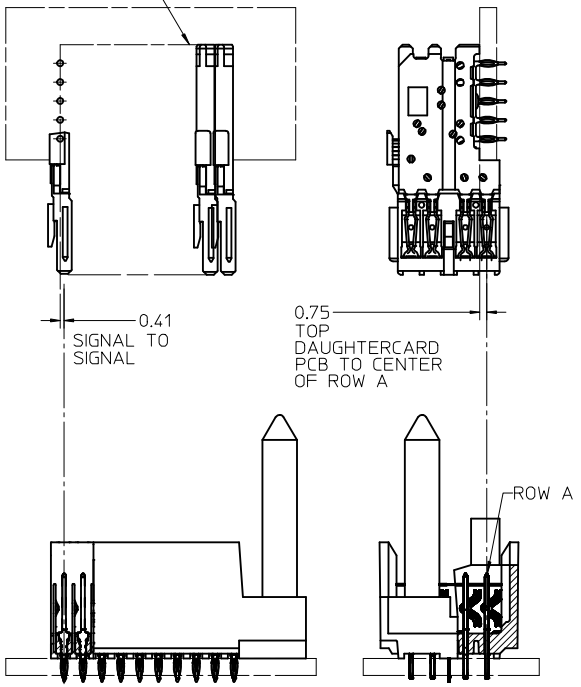
THE PRIMARY CARTON WITH A LABEL STATING "ELV AND RoHS COMPLIANT" IS LEAD FREE. CARTONS WITHOUT THIS LABEL MAY CONTAIN LEAD.

LEAD FREE CONVERSION EC NO: UCP2013-0687 DRAWN BY: 2012/08/21 CHECKED BY: 2012/11/27 APPR: MILLER 2012/12/14	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE 2.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY MOWANG	DATE 2001/04/17	TITLE HSD SALES ASSEMBLY 5 ROW SHIELD END BACKPLANE	DOCUMENT NO. <b>molex</b> SD-74697-002		SHEET NO. 1 OF 3
REV		DESCRIPTION		MATERIAL NO.		APPROVED BY CBIXLER		DATE 2001/04/20	
ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		SEE SHEET 3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	



74697-\*\*\*\*

DAUGHTERCARD  
CONNECTOR SIDE



- NUMBER OF COLUMNS/PLATING
- 05 = 05 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
  - 10 = 10 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
  - 25 = 25 COLUMN MATTE TIN (FORMERLY TIN/LEAD)
  - 55 = 05 COLUMN MATTE TIN (MAPS)
  - 60 = 10 COLUMN MATTE TIN (MAPS)
  - 75 = 25 COLUMN MATTE TIN (MAPS)
  - 95 = 05 COLUMN MATTE TIN
  - 90 = 10 COLUMN MATTE TIN
  - 85 = 25 COLUMN MATTE TIN
- CONTACT LOAD  
(PIN LENGTH)
- 1 & 6 = 4.75
  - 2 & 7 = 6.25
  - 3 & 8 = 4.25
  - 4 & 9 = 5.15

<b>LEAD FREE CONVERSION</b> EC NO: UCP2013-0687 DRAWINGS: 2012/08/21 CHKD:HWLF 2012/11/27 APPR:SMILLER 2012/12/14 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	2.5:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	HSD SALES ASSEMBLY 5 ROW SHIELD END BACKPLANE <b>molex</b>		
	▽=0	3 PLACES ± --- ± ---	QWANG 2001/04/17			
▽=0	2 PLACES ± --- ± ---	CHECKED BY DATE				
▽=0	1 PLACE ± --- ± ---	NMARTIN 2001/04/20				
		0 PLACE ± ±	APPROVED BY DATE			
			CBIXLER 2001/04/20			
		ANGULAR ±1/2°	MATERIAL NO.	DOCUMENT NO.		SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 3	SD-74697-002		2 OF 3
			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

PART NUMBER	COLUMN	NUMBER OF SIGNAL PIN	NUMBER OF SHIELD	A	B	M	GOLD THICKNESS MICROMETER	TIN THICKNESS MICROMETER
<b>74697-60*1</b>	10	40	10	27.00	18.00	4.75	0.25 MAPS	0.76-1.52
74697-90*1							0.76	
74697-90*6							1.27	
<b>74697-75*1</b>	25	100	25	57.00	48.00		0.25 MAPS	
74697-85*1							0.76	
74697-85*6							1.27	
<b>74697-55*2</b>	5	20	5	17.00	8.00	6.25	0.25 MAPS	
74697-95*7							1.27	
<b>74697-60*2</b>	10	40	10	27.00	18.00		0.25 MAPS	
74697-90*2							0.76	
74697-90*7							1.27	
<b>74697-75*2</b>	25	100	25	57.00	48.00		0.25 MAPS	
74697-85*2						0.76		
74697-85*7						1.27		
<b>74697-60*3</b>	10	40	10	27.00	18.00	4.25	0.25 MAPS	
74697-90*3							0.76	
74697-90*8							1.27	
<b>74697-75*3</b>	25	100	25	57.00	48.00		0.25 MAPS	
74697-85*3							0.76	
74697-85*8							1.27	
<b>74697-60*4</b>	10	40	10	27.00	18.00	5.15	0.25 MAPS	
74697-90*4							0.76	
74697-90*9							1.27	
<b>74697-75*4</b>	25	100	25	57.00	48.00		0.25 MAPS	
74697-85*4							0.76	
74697-85*9							1.27	

LEAD FREE CHART

PART NUMBER	COLUMN	NUMBER OF SIGNAL PINS	NUMBER OF SHIELDS	A	B	M	Au (um) MIN THICKNESS	Sn (um) THICKNESS
74697-10*1	10	40	10	27.00	18.00	4.75	0.76	0.76-1.52
74697-10*6							1.27	
74697-25*1	25	100	25	57.00	48.00		0.76	
74697-25*6							1.27	
74697-05*7	5	20	5	17.00	8.00		1.27	
74697-10*2							0.76	
74697-10*7	10	40	10	27.00	18.00	1.27		
74697-25*2						0.76		
74697-25*7	25	100	25	57.00	48.00	1.27		
74697-10*3						0.76		
74697-10*8	10	40	10	27.00	18.00	1.27		
74697-25*3						0.76		
74697-25*8	25	100	25	57.00	48.00	1.27		
74697-10*4						0.76		
74697-10*9	10	40	10	27.00	18.00	5.15	1.27	
74697-10*9							1.27	
74697-25*4	25	100	25	57.00	48.00		0.76	
74697-25*9							1.27	

LEAD FREE (FORMERLY TIN/LEAD) CHART

<b>SEE SHEET 1</b> EC NO: UCP2013-0687 DRAWINGS 2012/08/21 CHKD:MWLF 2012/11/27 APPR:SMILLER 2012/12/14	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>2.5:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION		
		4 PLACES ±	3 PLACES ±	2 PLACES ±	1 PLACE ±	0 PLACE ±	DRAWN BY MQWANG		DATE 2001/04/17	<b>HSD SALES ASSEMBLY 5 ROW SHIELD END BACKPLANE</b>  <b>molex</b>
		±	±	±	±	±	CHECKED BY NMARTIN		DATE 2001/04/20	
		±	±	±	±	±	APPROVED BY CBIXLER		DATE 2001/04/20	
±	±	±	±	±	MATERIAL NO.	DOCUMENT NO.				
ANGULAR ±1/2°					<b>SEE TABLE</b>		<b>SD-74697-002</b>		SHEET NO. 3 OF 3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					